

# U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

FOR IMMEDIATE RELEASE  
THURSDAY, DECEMBER 8, 2016 AT 10:00 A.M. EST

Aidan Smith / Roderick Asekhauno  
Mason Herman / Rebecca Hutchinson  
Economic Indicators Division  
(301) 763-2960

CB 16-206

## QUARTERLY ESTIMATES FOR SELECTED SERVICE INDUSTRIES 3rd QUARTER 2016

**Special Notice:** In 2017, we anticipate advance estimates of not seasonally adjusted revenue for aggregate selected services industries will be released in the new Advance Quarterly Services Report. The new advance report will provide more timely, high-level estimates of key service economy statistics. For more information on the upcoming Advance Quarterly Services Report, please visit

[www.census.gov/services/qss/advance\\_services\\_faqs](http://www.census.gov/services/qss/advance_services_faqs).

Effective with the fourth quarter 2016 release, quarterly services estimates will be revised based on the results of the 2015 Service Annual Survey and Annual Retail Trade Survey.

**Announcement regarding upcoming format changes:** With the release of the Quarterly Services Report on March 9, 2017, the presentation of this release will change. We are removing the text portion of the release from Excel. The redesigned text will be available as a Word document. The layout and format of the tables are not currently changing, though some explanatory notes may move to the text portion of the document. The full text and tables will still be available as a PDF. For more information and a preview of the new format, visit

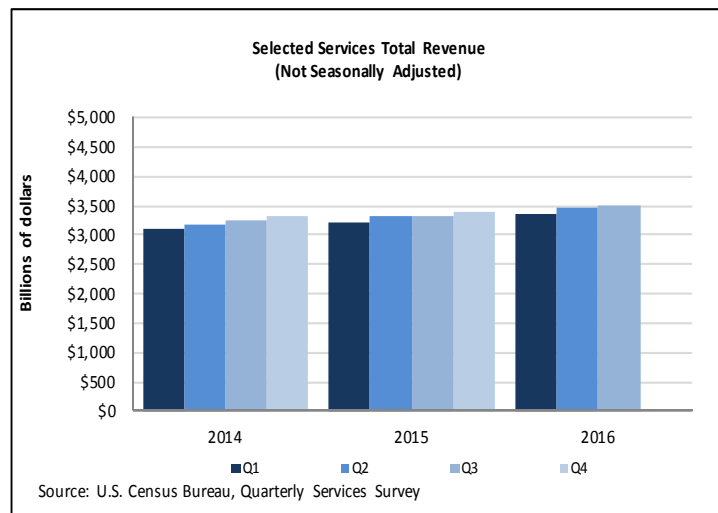
[www.census.gov/services](http://www.census.gov/services).

**Selected Services Total** The U.S. Census Bureau announced today that the estimate of U.S. selected services total revenue for the third calendar quarter of 2016, not adjusted for seasonal variation, or price changes, was \$3,512.5 billion, an increase of 1.6 percent ( $\pm 0.2\%$ ) from the second quarter of 2016 and up 5.3 percent ( $\pm 0.6\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was not revised from 3.4 percent ( $\pm 0.4\%$ ).

**Information** The estimate of U.S. information sector revenue for the third quarter of 2016, adjusted for seasonal variation but not for price changes, was \$370.3 billion, an increase of 1.8 percent ( $\pm 0.6\%$ ) from the second quarter of 2016 and up 4.9 percent ( $\pm 0.9\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from -0.1 percent ( $\pm 0.8\%$ )\* to 0.0 percent ( $\pm 0.6\%$ )\*.

**Professional, scientific, and technical services** The estimate of U.S. professional, scientific, and technical services revenue for the third quarter of 2016, adjusted for seasonal variation but not for price changes, was \$435.5 billion, an increase of 1.2 percent ( $\pm 0.9\%$ ) from the second quarter of 2016 and up 4.9 percent ( $\pm 2.7\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from 0.8 percent ( $\pm 1.3\%$ )\* to 0.6 percent ( $\pm 1.3\%$ )\*.

**Administrative and support and waste management and remediation services** The estimate of U.S. administrative and support and waste management and remediation services revenue for the third quarter of 2016, adjusted for seasonal variation but not for price changes, was \$219.5 billion, an increase of 2.1 percent ( $\pm 1.1\%$ ) from the second quarter of 2016 and up 7.0 percent ( $\pm 2.5\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from 2.5 percent ( $\pm 0.8\%$ ) to 2.8 percent ( $\pm 0.8\%$ ).



\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

## QUARTERLY ESTIMATES FOR SELECTED SERVICE INDUSTRIES

### 3rd QUARTER 2016– Con.

**Utilities** The estimate of U.S. utilities revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$150.9 billion, an increase of 20.2 percent ( $\pm 2.1\%$ ) from the second quarter of 2016 and up 1.8 percent ( $\pm 0.8\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from -11.0 percent ( $\pm 2.3\%$ ) to -10.8 percent ( $\pm 2.3\%$ ).

**Transportation and warehousing** The estimate of U.S. transportation and warehousing revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$221.8 billion, an increase of 2.2 percent ( $\pm 0.4\%$ ) from the second quarter of 2016 and down 1.1 percent ( $\pm 1.5\%$ )\* from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was not revised from 6.0 percent ( $\pm 0.9\%$ ).

**Finance and insurance** The estimate of U.S. finance and insurance revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$1,066.2 billion, an increase of 1.3 percent ( $\pm 0.8\%$ ) from the second quarter of 2016 and up 6.1 percent ( $\pm 1.1\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was not revised from 2.9 percent ( $\pm 1.7\%$ ).

**Real estate and rental and leasing** The estimate of U.S. real estate and rental and leasing revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$170.8 billion, an increase of 2.7 percent ( $\pm 0.8\%$ ) from the second quarter of 2016 and up 7.2 percent ( $\pm 1.1\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from 9.4 percent ( $\pm 1.7\%$ ) to 9.3 percent ( $\pm 1.7\%$ ).

**Educational services** The estimate of U.S. educational services revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$16.1 billion, a decrease of 7.2 percent ( $\pm 2.3\%$ ) from the second quarter of 2016 and up 6.2 percent ( $\pm 1.7\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from 12.4 percent ( $\pm 4.4\%$ ) to 12.1 percent ( $\pm 4.4\%$ ).

**Health care and social assistance** The estimate of U.S. health care and social assistance revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$608.8 billion, a decrease of 1.5 percent ( $\pm 0.9\%$ ) from the second quarter of 2016 and up 5.4 percent ( $\pm 1.3\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was not revised from 3.6 percent ( $\pm 1.3\%$ ).

**Arts, entertainment, and recreation** The estimate of U.S. arts, entertainment, and recreation revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$67.2 billion, an increase of 7.0 percent ( $\pm 3.0\%$ ) from the second quarter of 2016 and up 7.8 percent ( $\pm 2.8\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from 11.8 percent ( $\pm 3.4\%$ ) to 12.1 percent ( $\pm 3.4\%$ ).

**Accommodation** The estimate of U.S. accommodation revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$65.1 billion, an increase of 6.5 percent ( $\pm 1.9\%$ ) from the second quarter of 2016 and up 7.4 percent ( $\pm 1.5\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from 13.9 percent ( $\pm 3.0\%$ ) to 13.4 percent ( $\pm 3.0\%$ ).

**Other services (except public administration)** The estimate of U.S. other services (except public administration) revenue for the third quarter of 2016, not adjusted for seasonal variation, or price changes, was \$129.0 billion, an increase of 2.5 percent ( $\pm 2.1\%$ ) from the second quarter of 2016 and up 10.1 percent ( $\pm 4.4\%$ ) from the third quarter of 2015. The first quarter of 2016 to second quarter of 2016 percent change was revised from 5.0 percent ( $\pm 4.9\%$ ) to 4.7 percent ( $\pm 4.9\%$ )\*.

Additional industry detail and estimates of source of revenue, expenses, inpatient days, and discharges can be found at: [www.census.gov/services/](http://www.census.gov/services/)  
For survey description, description of seasonal adjustment and an explanation of the reliability of the estimates included in this report, please see the last page of the publication.

**The fourth quarter 2016 Quarterly Services Report is scheduled to be released on March 9, 2017, at 10:00 A.M. EST.**

\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

**Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted<sup>1</sup>**

[Estimates are adjusted for seasonal variation but not for price change and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2007 NAICS code <sup>2</sup>	Kind of business	Total revenue (millions of dollars)						Percent change					
		3Q 2016 (p)	2Q 2016 (r)	1Q 2016 (r)	4Q 2015 (r)	3Q 2015 (r)	2Q 2015 (r)	3Q 2016 from 2Q 2016 (p)	2Q 2016 from 1Q 2016 (r)	1Q 2016 from 4Q 2015 (r)	4Q 2015 from 3Q 2015 (r)	3Q 2016 from 3Q 2015 (p)	2Q 2016 from 2Q 2015 (r)
<b>51</b>	<b>Information .....</b>	<b>370,294</b>	<b>363,837</b>	<b>363,829</b>	<b>358,875</b>	<b>352,888</b>	<b>350,085</b>	<b>1.8</b>	<b>Z</b>	<b>1.4</b>	<b>1.7</b>	<b>4.9</b>	<b>3.9</b>
5112	Software publishers.....	51,038	50,251	50,997	50,023	49,859	49,888	1.6	-1.5	1.9	0.3	2.4	0.7
512	Motion picture and sound recording industries .....	26,441	25,604	28,945	25,888	25,476	25,429	3.3	-11.5	11.8	1.6	3.8	0.7
<b>54</b>	<b>Professional, scientific, and technical services<sup>3</sup> .....</b>	<b>435,520</b>	<b>430,550</b>	<b>427,958</b>	<b>415,498</b>	<b>415,149</b>	<b>409,196</b>	<b>1.2</b>	<b>0.6</b>	<b>3.0</b>	<b>0.1</b>	<b>4.9</b>	<b>5.2</b>
5411	Legal services <sup>3</sup> .....	71,029	72,021	72,385	69,858	71,680	69,698	-1.4	-0.5	3.6	-2.5	-0.9	3.3
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	43,421	42,311	41,859	40,592	40,321	38,104	2.6	1.1	3.1	0.7	7.7	11.0
<b>56</b>	<b>Administrative and support and waste management and remediation services<sup>4</sup> .....</b>	<b>219,450</b>	<b>214,962</b>	<b>209,080</b>	<b>205,590</b>	<b>205,112</b>	<b>202,423</b>	<b>2.1</b>	<b>2.8</b>	<b>1.7</b>	<b>0.2</b>	<b>7.0</b>	<b>6.2</b>
5613	Employment services .....	89,181	86,939	83,559	81,386	81,066	78,967	2.6	4.0	2.7	0.4	10.0	10.1
5615	Travel arrangement and reservation services .....	10,118	9,634	9,950	9,737	9,879	10,011	5.0	-3.2	2.2	-1.4	2.4	-3.8
561 pt	Other administrative and support services <sup>5</sup> .....	99,056	97,547	94,839	93,747	93,716	93,137	1.5	2.9	1.2	Z	5.7	4.7
562	Waste management and remediation services .....	21,095	20,842	20,732	20,720	20,451	20,308	1.2	0.5	0.1	1.3	3.1	2.6
<b>622</b>	<b>Hospitals.....</b>	<b>269,770</b>	<b>269,092</b>	<b>260,547</b>	<b>255,789</b>	<b>253,953</b>	<b>252,801</b>	<b>0.3</b>	<b>3.3</b>	<b>1.9</b>	<b>0.7</b>	<b>6.2</b>	<b>6.4</b>

(p) Preliminary estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.

(2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(3) Excludes NAICS 54112 (Offices of notaries).

(4) Seasonally adjusted estimates for NAICS 56 are obtained by summing the seasonally adjusted estimates for 5613, 5615, 561pt, and 562.

(5) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services buildings and dwellings), and 5619 (Other support services).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2007 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2016 (p)	2Q 2016 (r)	1Q 2016	4Q 2015	3Q 2015	2Q 2015	3Q 2016 from 2Q 2016 (p)	2Q 2016 from 1Q 2016 (r)	3Q 2016 from 3Q 2015 (p)	2Q 2016 from 2Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
	<b>Selected Services Total <sup>2</sup></b> .....	<b>3,512,466</b>	<b>3,457,794</b>	<b>3,342,985</b>	<b>3,386,911</b>	<b>3,335,076</b>	<b>3,315,616</b>	<b>1.6</b>	<b>3.4</b>	<b>5.3</b>	<b>4.3</b>	<b>10,313,245</b>	<b>9,880,195</b>	<b>4.4</b>
<b>22</b>	<b>Utilities <sup>3</sup></b> .....	<b>150,904</b>	<b>125,575</b>	<b>140,734</b>	<b>130,558</b>	<b>148,193</b>	<b>129,848</b>	<b>20.2</b>	<b>-10.8</b>	<b>1.8</b>	<b>-3.3</b>	<b>417,213</b>	<b>436,100</b>	<b>-4.3</b>
2211	Electric power generation, transmission and distribution .....	131,479	105,763	107,295	104,533	128,805	108,238	24.3	-1.4	2.1	-2.3	344,537	353,055	-2.4
2212	Natural gas distribution .....	15,632	16,461	30,317	22,621	15,533	18,267	-5.0	-45.7	0.6	-9.9	62,410	72,723	-14.2
2213	Water, sewage and other systems .....	3,793	3,351	3,122	3,404	3,855	3,343	13.2	7.3	-1.6	0.2	10,266	10,322	-0.5
<b>48-49</b>	<b>Transportation and warehousing <sup>4</sup></b> .....	<b>221,829</b>	<b>216,956</b>	<b>204,617</b>	<b>215,386</b>	<b>224,338</b>	<b>219,365</b>	<b>2.2</b>	<b>6.0</b>	<b>-1.1</b>	<b>-1.1</b>	<b>643,402</b>	<b>649,037</b>	<b>-0.9</b>
481	Air transportation .....	51,739	50,481	45,801	48,019	53,157	51,846	2.5	10.2	-2.7	-2.6	148,021	151,509	-2.3
483	Water transportation .....	12,196	10,581	9,939	10,757	12,329	10,859	15.3	6.5	-1.1	-2.6	32,716	33,509	-2.4
4831	Deep sea, coastal, and Great Lakes water transportation.....	10,192	8,615	8,038	8,496	10,084	8,662	18.3	7.2	1.1	-0.5	26,845	26,963	-0.4
4832	Inland water transportation.....	2,004	1,966	1,901	2,261	2,245	2,197	1.9	3.4	-10.7	-10.5	5,871	6,546	-10.3
484	Truck transportation .....	67,075	65,038	61,198	65,157	68,129	65,348	3.1	6.3	-1.5	-0.5	193,311	194,426	-0.6
4841	General freight trucking .....	42,153	41,837	40,254	43,179	44,264	42,556	0.8	3.9	-4.8	-1.7	124,244	126,196	-1.5
48412	General freight trucking, long-distance .....	36,219	35,799	34,309	36,730	37,658	36,083	1.2	4.3	-3.8	-0.8	106,327	107,222	-0.8
4842	Specialized freight trucking .....	24,922	23,201	20,944	21,978	23,865	22,792	7.4	10.8	4.4	1.8	69,067	68,230	1.2
485	Transit and ground passenger transportation .....	7,786	9,148	8,525	8,731	7,680	9,349	-14.9	7.3	1.4	-2.1	25,459	25,696	-0.9
486	Pipeline transportation .....	9,992	9,721	9,832	9,861	9,847	9,433	2.8	-1.1	1.5	3.1	29,545	29,255	1.0
487	Scenic and sightseeing transportation .....	1,359	1,058	612	740	1,421	1,128	28.4	72.9	-4.4	-6.2	3,029	3,081	-1.7
488	Support activities for transportation .....	43,760	43,425	41,531	43,815	45,439	44,872	0.8	4.6	-3.7	-3.2	128,716	132,082	-2.5
492	Couriers and messengers .....	19,317	19,155	19,063	20,195	18,454	18,667	0.8	0.5	4.7	2.6	57,535	55,776	3.2
493	Warehousing and storage .....	8,605	8,349	8,116	8,111	7,882	7,863	3.1	2.9	9.2	6.2	25,070	23,703	5.8
<b>51</b>	<b>Information</b> .....	<b>362,148</b>	<b>360,926</b>	<b>357,644</b>	<b>375,742</b>	<b>345,124</b>	<b>347,284</b>	<b>0.3</b>	<b>0.9</b>	<b>4.9</b>	<b>3.9</b>	<b>1,080,718</b>	<b>1,030,688</b>	<b>4.9</b>
511	Publishing industries (except Internet) .....	71,991	73,555	71,301	79,713	71,312	74,165	-2.1	3.2	1.0	-0.8	216,847	216,124	0.3
51111	Newspaper publishers .....	6,394	6,555	6,227	7,320	6,555	6,722	-2.5	5.3	-2.5	-2.5	19,176	19,786	-3.1
51112	Periodical publishers .....	6,785	7,046	6,354	7,212	7,087	7,363	-3.7	10.9	-4.3	-4.3	20,185	21,114	-4.4
5111 pt	Book, directory and mailing list, and other publishers <sup>5</sup> .....	11,245	10,105	8,743	10,406	11,201	10,491	11.3	15.6	0.4	-3.7	30,093	30,535	-1.4
5112	Software publishers .....	47,567	49,849	49,977	54,775	46,469	49,589	-4.6	-0.3	2.4	0.5	147,393	144,689	1.9
512	Motion picture and sound recording industries .....	25,198	25,066	28,077	28,425	24,279	24,895	0.5	-10.7	3.8	0.7	78,341	73,262	6.9
515	Broadcasting (except Internet) .....	38,332	37,968	37,287	40,150	35,707	36,168	1.0	1.8	7.4	5.0	113,587	107,222	5.9
5151	Radio and television broadcasting .....	18,292	17,525	17,538	19,756	16,603	16,767	4.4	-0.1	10.2	4.5	53,355	50,189	6.3
5152	Cable and other subscription programming .....	20,040	20,443	19,749	20,394	19,104	19,401	-2.0	3.5	4.9	5.4	60,232	57,033	5.6
517	Telecommunications .....	153,134	152,009	151,290	154,747	149,480	149,971	0.7	0.5	2.4	1.4	456,433	447,075	2.1
5171	Wired telecommunications carriers .....	77,730	77,932	77,546	77,896	74,797	75,646	-0.3	0.5	3.9	3.0	233,208	225,021	3.6
5172	Wireless telecommunications carriers (except satellite) .....	65,081	63,786	63,479	66,280	64,321	64,016	2.0	0.5	1.2	-0.4	192,346	191,520	0.4
517 pt	Other telecommunications <sup>6</sup> .....	10,323	10,291	10,265	10,571	10,362	10,309	0.3	0.3	-0.4	-0.2	30,879	30,534	1.1
518	Data processing, hosting, and related services .....	34,637	34,150	33,226	34,127	31,581	30,846	1.4	2.8	9.7	10.7	102,013	92,555	10.2
519	Other information services.....	38,856	38,178	36,463	38,580	32,765	31,239	1.8	4.7	18.6	22.2	113,497	94,450	20.2
<b>52</b>	<b>Finance and insurance <sup>7</sup></b> .....	<b>1,066,242</b>	<b>1,052,925</b>	<b>1,023,623</b>	<b>1,020,191</b>	<b>1,005,231</b>	<b>1,012,766</b>	<b>1.3</b>	<b>2.9</b>	<b>6.1</b>	<b>4.0</b>	<b>3,142,790</b>	<b>3,011,237</b>	<b>4.4</b>
52 pt	Finance and insurance (except monetary authorities-central bank) <sup>8</sup> .....	1,038,314	1,023,662	993,963	991,945	975,470	983,134	1.4	3.0	6.4	4.1	3,055,939	2,926,416	4.4
521	Monetary authorities-central bank.....	27,928	29,263	29,660	28,246	29,761	29,632	-4.6	-1.3	-6.2	-1.2	86,851	84,821	2.4
522	Credit intermediation and related activities.....	295,770	288,483	279,860	281,227	278,398	279,377	2.5	3.1	6.2	3.3	864,113	827,571	4.4
5221	Depository credit intermediation.....	131,316	127,605	124,822	125,220	123,297	123,632	2.9	2.2	6.5	3.2	383,743	366,134	4.8
5222	Nondepository credit intermediation.....	139,042	136,980	132,250	132,139	131,006	131,343	1.5	3.6	6.1	4.3	408,272	390,121	4.7
5223	Activities related to credit intermediation.....	25,412	23,898	22,788	23,868	24,095	24,402	6.3	4.9	5.5	-2.1	72,098	71,316	1.1
523	Securities, commodity contracts, and other financial investments and related activities .....	141,508	139,110	132,994	137,056	137,425	146,382	1.7	4.6	3.0	-5.0	413,612	428,151	-3.4
5231	Securities and commodity contracts intermediation and brokerage .....	63,287	63,994	57,389	58,110	60,976	65,435	-1.1	11.5	3.8	-2.2	184,670	189,326	-2.5
5232	Securities and commodity exchanges .....	2,504	2,671	2,831	2,570	2,665	2,450	-6.3	-5.7	-6.0	9.0	8,006	7,690	4.1
5239	Other financial investment activities .....	75,717	72,445	72,774	76,376	73,784	78,497	4.5	-0.5	2.6	-7.7	220,936	231,135	-4.4
524	Insurance carriers and related activities .....	601,036	596,069	581,109	573,662	559,647	557,375	0.8	2.6	7.4	6.9	1,778,214	1,670,694	6.4
5241	Insurance carriers .....	517,250	513,440	499,380	492,921	480,648	478,653	0.7	2.8	7.6	7.3	1,530,070	1,435,558	6.6
5242	Agencies, brokerages, and other insurance related activities .....	83,786	82,629	81,729	80,741	78,999	78,722	1.4	1.1	6.1	5.0	248,144	235,136	5.5
<b>53</b>	<b>Real estate and rental and leasing</b> .....	<b>170,831</b>	<b>166,331</b>	<b>152,130</b>	<b>158,912</b>	<b>159,300</b>	<b>154,770</b>	<b>2.7</b>	<b>9.3</b>	<b>7.2</b>	<b>7.5</b>	<b>489,292</b>	<b>452,854</b>	<b>8.0</b>
531	Real estate .....	120,566	116,403	106,122	109,193	109,992	106,680	3.6	9.7	9.6	9.1	343,091	310,585	10.5
5311	Lessors of real estate.....	67,739	65,616	63,741	63,867	62,009	61,444	3.2	2.9	9.2	6.8	197,096	179,471	9.8
5312	Offices of real estate agents and brokers.....	29,793	29,459	22,025	24,465	27,308	25,671	1.1	33.8	9.1	14.8	81,277	71,777	13.2
5313	Activities related to real estate.....	23,034	21,328	20,356	20,861	20,675	19,565	8.0	4.8	11.4	9.0	64,718	59,337	9.1
532	Rental and leasing services .....	39,963	38,867	35,785	38,011	38,728	37,523	2.8	8.6	3.2	3.6	114,615	111,571	2.7
5321	Automotive equipment rental and leasing .....	15,616	14,528	12,968	13,601	14,728	13,892	7.5	12.0	6.0	4.6	43,112	41,567	3.7
53211	Passenger car rental and leasing.....	10,734	9,795	8,681	9,075	9,911	9,304	9.6	12.8	8.3	5.3	29,210	27,939	4.5
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing .....	4,882	4,733	4,287	4,526	4,817	4,588	3.1	10.4	1.3	3.2	13,902	13,628	2.0
5322	Consumer goods rental .....	5,041	5,368	5,516	5,421	5,365	5,409	-6.1	-2.7	-6.0	-0.8	15,925	16,229	-1.9
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing .....	18,458	18,220	16,716	18,288	17,870	17,441	1.3	9.0	3.3	4.5	53,394	51,708	3.3
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	10,302	11,061	10,223	11,708	10,580	10,567	-6.9	8.2	-2.6	4.7	31,586	30,698	2.9

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2007 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2016 (p)	2Q 2016 (r)	1Q 2016	4Q 2015	3Q 2015	2Q 2015	3Q 2016 from 2Q 2016 (p)	2Q 2016 from 1Q 2016 (r)	3Q 2016 from 3Q 2015 (p)	2Q 2016 from 2Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
54	Professional, scientific, and technical services <sup>9</sup> .....	432,907	433,994	418,115	423,808	413,073	412,470	-0.3	3.8	4.8	5.2	1,285,016	1,220,809	5.3
5411	Legal services <sup>9</sup> .....	71,952	71,373	64,423	77,333	72,540	68,931	0.8	10.8	-0.8	3.5	207,748	201,283	3.2
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	38,949	45,019	48,849	35,437	35,966	40,695	-13.5	-7.8	8.3	10.6	132,817	119,939	10.7
5413	Architectural, engineering, and related services .....	69,098	67,891	66,324	67,168	67,052	68,185	1.8	2.4	3.1	-0.4	203,313	202,568	0.4
5413 pt	Architectural and related services <sup>10</sup> .....	17,231	16,262	16,385	16,148	15,891	16,317	6.0	-0.8	8.4	-0.3	49,878	48,136	3.6
54133	Engineering services .....	51,867	51,629	49,939	51,020	51,161	51,868	0.5	3.4	1.4	-0.5	153,435	154,432	-0.6
5414	Specialized design services.....	5,063	4,932	5,222	5,048	5,209	5,180	2.7	-5.6	-2.8	-4.8	15,217	15,352	-0.9
5415	Computer systems design and related services .....	95,250	93,539	91,665	90,887	89,684	88,462	1.8	2.0	6.2	5.7	280,454	266,477	5.2
5416	Management, scientific, and technical consulting services .....	69,834	68,027	64,183	67,493	65,158	64,926	2.7	6.0	7.2	4.8	202,044	189,898	6.4
5417	Scientific research and development services .....	34,599	35,095	33,170	35,258	32,376	32,364	-1.4	5.8	6.9	8.4	102,864	95,766	7.4
5418	Advertising, public relations, and related services .....	25,618	25,347	24,248	25,226	24,155	23,344	1.1	4.5	6.1	8.6	75,213	70,369	6.9
5419	Other professional, scientific, and technical services.....	22,544	22,771	20,031	19,958	20,933	20,383	-1.0	13.7	7.7	11.7	65,346	59,157	10.5
56	Administrative and support and waste management and remediation services .....	221,468	216,160	204,073	207,431	207,067	203,544	2.5	5.9	7.0	6.2	641,701	605,369	6.0
561	Administrative and support services .....	199,677	194,714	184,461	186,877	185,941	182,647	2.5	5.6	7.4	6.6	578,852	544,380	6.3
5613	Employment services .....	87,843	84,679	83,475	84,804	79,850	76,914	3.7	1.4	10.0	10.1	255,997	234,468	9.2
5615	Travel arrangement and reservation services .....	10,401	9,952	9,751	9,357	10,126	10,361	4.5	2.1	2.7	-3.9	30,104	29,903	0.7
561 pt	Other administrative and support services <sup>11</sup> .....	101,433	100,083	91,235	92,716	95,965	95,372	1.3	9.7	5.7	4.9	292,751	280,009	4.6
562	Waste management and remediation services .....	21,791	21,446	19,612	20,554	21,126	20,897	1.6	9.4	3.1	2.6	62,849	60,989	3.0
61	Educational services <sup>12</sup> .....	16,119	17,378	15,506	15,256	15,177	16,342	-7.2	12.1	6.2	6.3	49,003	46,248	6.0
6114	Business schools and computer and management training .....	2,926	3,154	2,957	2,922	2,967	2,858	-7.2	6.7	-1.4	10.4	9,037	8,585	5.3
6115	Technical and trade schools .....	3,565	3,509	3,489	3,503	3,386	3,473	1.6	0.6	5.3	1.0	10,563	10,235	3.2
6116	Other schools and instruction.....	5,684	6,537	5,783	5,497	5,363	6,086	-13.0	13.0	6.0	7.4	18,004	16,894	6.6
6117	Educational support services .....	3,944	4,178	3,277	3,334	3,461	3,925	-5.6	27.5	14.0	6.4	11,399	10,534	8.2
62	Health care and social assistance .....	608,780	617,831	596,474	592,892	577,513	579,282	-1.5	3.6	5.4	6.7	1,823,085	1,724,385	5.7
621	Ambulatory health care services .....	242,450	244,096	235,877	236,894	232,808	227,650	-0.7	3.5	4.1	7.2	722,423	680,189	6.2
6211	Offices of physicians.....	117,758	119,374	114,368	117,095	114,318	110,627	-1.4	4.4	3.0	7.9	351,500	331,412	6.1
6212	Offices of dentists.....	S	S	S	S	S	S	S	S	S	S	S	S	S
6213	Offices of other health practitioners .....	20,293	S	19,702	19,770	19,521	19,064	S	S	4.0	S	S	57,122	S
6214	Outpatient care centers .....	33,067	32,242	31,158	30,913	29,748	29,511	2.6	3.5	11.2	9.3	96,467	87,357	10.4
6215	Medical and diagnostic laboratories .....	12,891	13,132	12,635	12,738	12,570	12,799	-1.8	3.9	2.6	2.6	38,658	37,598	2.8
6216	Home health care services .....	20,110	19,992	19,244	19,883	19,291	18,728	0.6	3.9	4.2	6.7	59,346	56,014	5.9
6219	Other ambulatory health care services .....	8,784	8,721	8,545	8,652	8,610	8,411	0.7	2.1	2.0	3.7	26,050	25,216	3.3
622	Hospitals .....	264,914	272,052	262,631	255,789	249,636	255,076	-2.6	3.6	6.1	6.7	799,597	757,552	5.6
6221	General medical and surgical hospitals.....	246,241	253,644	244,323	237,616	232,233	237,395	-2.9	3.8	6.0	6.8	744,208	705,047	5.6
6222	Psychiatric and substance abuse hospitals.....	6,441	6,322	6,178	5,994	5,538	5,931	1.9	2.3	16.3	6.6	18,941	17,454	8.5
6223	Specialty (except psychiatric and substance abuse) hospitals.....	12,232	12,086	12,130	12,179	11,865	11,750	1.2	-0.4	3.1	2.9	36,448	35,051	4.0
623	Nursing and residential care facilities .....	59,553	59,223	57,001	57,564	56,374	55,914	0.6	3.9	5.6	5.9	175,777	167,230	5.1
624	Social assistance .....	41,863	42,460	40,965	42,645	38,695	40,642	-1.4	3.6	8.2	4.5	125,288	119,414	4.9
6241	Individual and family services.....	21,740	21,521	20,608	21,114	19,812	20,623	1.0	4.4	9.7	4.4	63,869	60,767	5.1
6242	Community food and housing, and emergency and other relief services .....	7,756	8,038	7,723	9,150	7,281	7,703	-3.5	4.1	6.5	4.3	23,517	22,462	4.7
6243	Vocational rehabilitation services .....	3,249	3,219	3,202	3,150	3,110	3,303	0.9	0.5	4.5	-2.5	9,670	9,648	0.2
6244	Child day care services .....	9,118	9,682	9,432	9,231	8,492	9,013	-5.8	2.7	7.4	7.4	28,232	26,537	6.4
71	Arts, entertainment, and recreation.....	67,191	62,780	56,024	61,905	62,358	59,751	7.0	12.1	7.8	5.1	185,995	175,424	6.0
711	Performing arts, spectator sports, and related industries .....	30,745	27,141	23,786	30,177	27,997	25,596	13.3	14.1	9.8	6.0	81,672	75,852	7.7
7111	Performing arts companies.....	4,049	4,116	3,349	4,191	3,995	3,911	-1.6	22.9	1.4	5.2	11,514	11,396	1.0
7112	Spectator sports.....	11,443	9,968	8,242	12,295	10,976	9,305	14.8	20.9	4.3	7.1	29,653	27,905	6.3
7113	Promoters of performing arts, sports, and similar events.....	7,810	6,317	5,192	6,077	6,668	5,968	23.6	21.7	17.1	5.8	19,319	17,823	8.4
7114	Agents and managers for artists, athletes, entertainers, and other public figures .....	2,103	1,999	1,808	2,246	1,958	1,814	5.2	10.6	7.4	10.2	5,910	5,405	9.3
7115	Independent artists, writers, and performers.....	5,340	4,741	5,195	5,368	4,400	4,598	12.6	-8.7	21.4	3.1	15,276	13,323	14.7
712	Museums, historical sites, and similar institutions.....	4,390	4,354	3,394	4,397	4,098	4,481	0.8	28.3	7.1	-2.8	12,138	11,848	2.4
713	Amusement, gambling, and recreation industries.....	32,056	31,285	28,844	27,331	30,263	29,674	2.5	8.5	5.9	5.4	92,185	87,724	5.1
7131	Amusement parks and arcades.....	6,230	5,026	3,519	3,976	5,949	4,646	24.0	42.8	4.7	8.2	14,775	13,933	6.0
7132	Gambling industries.....	7,381	7,495	7,793	7,190	7,032	7,254	-1.5	-3.8	5.0	3.3	22,669	21,599	5.0
7139	Other amusement and recreation industries.....	18,445	18,764	17,532	16,165	17,282	17,774	-1.7	7.0	6.7	5.6	54,741	52,192	4.9
721	Accommodation .....	65,072	61,084	53,854	54,505	60,563	58,405	6.5	13.4	7.4	4.6	180,010	172,116	4.6
7211	Traveler accommodation .....	62,855	59,126	52,484	53,353	58,386	56,537	6.3	12.7	7.7	4.6	174,465	166,688	4.7
7212	RV (recreational vehicle) parks and recreational camps .....	1,828	1,662	1,012	797	1,747	1,554	10.0	64.2	4.6	6.9	4,502	4,298	4.7
7213	Rooming and boarding houses .....	389	296	358	355	430	314	31.4	-17.3	-9.5	-5.7	1,043	1,130	-7.7

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2007 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2016 (p)	2Q 2016 (r)	1Q 2016	4Q 2015	3Q 2015	2Q 2015	3Q 2016 from 2Q 2016 (p)	2Q 2016 from 1Q 2016 (r)	3Q 2016 from 3Q 2015 (p)	2Q 2016 from 2Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
81	Other services (except public administration) <sup>13</sup> .....	128,975	125,854	120,191	130,325	117,139	121,789	2.5	4.7	10.1	3.3	375,020	355,928	5.4
811	Repair and maintenance .....	41,504	42,385	40,719	40,514	41,700	42,780	-2.1	4.1	-0.5	-0.9	124,608	123,975	0.5
8111	Automotive repair and maintenance .....	27,464	27,651	27,253	26,288	27,024	27,542	-0.7	1.5	1.6	0.4	82,368	80,496	2.3
8112	Electronic and precision equipment repair and maintenance .....	4,186	4,178	3,763	4,042	4,073	4,090	0.2	11.0	2.8	2.2	12,127	12,199	-0.6
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	7,822	8,208	7,993	8,310	8,511	8,847	-4.7	2.7	-8.1	-7.2	24,023	25,206	-4.7
8114	Personal and household goods repair and maintenance .....	2,032	2,348	1,710	1,874	2,092	2,301	-13.5	37.3	-2.9	2.0	6,090	6,074	0.3
812	Personal and laundry services.....	28,063	27,726	26,781	26,610	25,561	25,780	1.2	3.5	9.8	7.5	82,570	75,609	9.2
8121	Personal care services.....	10,125	10,002	9,435	8,913	8,936	9,078	1.2	6.0	13.3	10.2	29,562	26,357	12.2
8122	Death care services.....	4,531	4,450	4,657	4,502	4,227	4,518	1.8	-4.4	7.2	-1.5	13,638	13,185	3.4
8123	Drycleaning and laundry services.....	6,935	7,038	6,822	6,770	6,640	6,604	-1.5	3.2	4.4	6.6	20,795	19,553	6.4
8129	Other personal services.....	6,472	6,236	5,867	6,425	5,758	5,580	3.8	6.3	12.4	11.8	18,575	16,514	12.5
813	Religious, grantmaking, civic, professional, and similar organizations <sup>14</sup> .....	59,408	55,743	52,691	63,201	49,878	53,229	6.6	5.8	19.1	4.7	167,842	156,344	7.4

(p) Preliminary estimate. (r) Revised estimate.

S Estimate does not meet publication standards because of high variability (coefficient of variation greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see [www.census.gov/quality/guidelines/index.html](http://www.census.gov/quality/guidelines/index.html).

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html). For NAICS 52, estimates may include unrealized gains (losses).

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2016 (p)	2Q 2016 (r)	1Q 2016	4Q 2015	3Q 2015	2Q 2015	3Q 2016 from 2Q 2016 (p)	2Q 2016 from 1Q 2016 (r)	3Q 2016 from 3Q 2015 (p)	2Q 2016 from 2Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
	<b>Selected Services Total .....</b>	<b>1.4</b>	<b>1.4</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>0.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>1.4</b>	<b>1.5</b>	<b>0.3</b>
<b>22</b>	<b>Utilities .....</b>	<b>4.5</b>	<b>4.6</b>	<b>3.7</b>	<b>3.9</b>	<b>4.2</b>	<b>4.3</b>	<b>1.1</b>	<b>1.2</b>	<b>0.4</b>	<b>0.7</b>	<b>4.2</b>	<b>3.8</b>	<b>0.8</b>
2211	Electric power generation, transmission and distribution .....	5.1	5.4	4.5	4.4	4.7	5.0	1.1	1.5	0.6	0.8	5.0	4.5	0.9
2212	Natural gas distribution .....	4.2	3.0	2.6	2.6	4.0	3.6	2.2	1.1	1.5	1.5	2.7	2.9	0.9
2213	Water, sewage and other systems .....	6.7	6.8	7.6	6.4	7.5	7.2	0.3	1.4	2.6	2.8	7.0	7.5	2.3
<b>48-49</b>	<b>Transportation and warehousing .....</b>	<b>2.6</b>	<b>2.5</b>	<b>2.7</b>	<b>2.5</b>	<b>2.9</b>	<b>2.7</b>	<b>0.2</b>	<b>0.5</b>	<b>0.8</b>	<b>0.8</b>	<b>2.6</b>	<b>2.8</b>	<b>0.7</b>
481	Air transportation .....	4.1	4.0	4.1	4.0	3.8	3.9	0.2	0.9	0.6	0.8	4.1	3.9	0.8
483	Water transportation .....	2.9	3.3	3.3	3.6	3.2	3.9	0.6	1.1	0.6	1.0	3.1	3.5	0.8
4831	Deep sea, coastal, and Great Lakes water transportation.....	3.6	4.2	4.3	4.6	4.0	5.1	0.8	1.3	0.8	1.4	4.0	4.5	1.0
4832	Inland water transportation.....	5.0	4.2	3.9	4.0	4.4	3.5	1.4	0.5	0.6	0.8	4.3	3.9	0.4
484	Truck transportation .....	7.6	7.5	8.3	7.8	8.6	8.8	0.8	0.9	1.6	1.7	7.8	8.8	1.6
4841	General freight trucking .....	11.4	11.3	11.9	11.2	12.1	12.7	1.0	0.9	1.4	2.1	11.5	12.6	2.0
48412	General freight trucking, long-distance .....	12.1	12.2	13.2	12.1	13.4	14.0	1.0	1.1	1.7	2.5	12.5	13.9	2.5
4842	Specialized freight trucking .....	4.1	3.5	3.6	4.0	3.4	3.3	1.5	1.5	3.0	2.1	3.6	3.3	2.2
485	Transit and ground passenger transportation .....	5.0	6.6	5.9	5.7	3.9	5.2	1.9	3.2	2.4	2.5	5.6	4.5	1.7
486	Pipeline transportation .....	6.0	6.0	6.2	6.4	6.7	6.7	0.2	1.1	0.9	0.9	6.1	6.7	0.7
487	Scenic and sightseeing transportation .....	10.5	10.6	8.2	8.0	7.6	6.9	3.2	15.6	5.8	6.8	9.5	6.6	5.5
488	Support activities for transportation .....	6.1	6.2	5.9	4.7	5.1	5.9	1.1	0.7	1.7	2.2	6.0	5.3	1.7
492	Couriers and messengers .....	1.6	1.6	1.7	1.9	1.5	1.7	0.2	0.2	1.3	2.1	1.7	1.7	2.1
493	Warehousing and storage .....	6.0	5.7	6.0	4.5	5.9	5.8	1.4	1.3	1.9	1.6	5.8	5.8	1.5
<b>51</b>	<b>Information .....</b>	<b>1.8</b>	<b>2.0</b>	<b>2.1</b>	<b>2.0</b>	<b>2.1</b>	<b>2.1</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.4</b>	<b>2.0</b>	<b>2.1</b>	<b>0.2</b>
511	Publishing industries (except Internet) .....	4.6	5.2	5.3	4.8	4.3	5.4	0.7	0.6	1.2	0.9	5.0	4.8	0.6
51111	Newspaper publishers .....	5.1	5.5	5.5	5.5	6.2	6.0	1.1	0.3	1.7	1.5	5.3	6.2	1.6
51112	Periodical publishers .....	3.9	5.3	4.6	5.0	4.0	4.5	2.3	3.9	1.7	3.4	4.3	4.0	2.3
5111 pt	Book, directory and mailing list, and other publishers .....	4.7	5.5	4.7	3.9	3.3	5.6	1.4	5.3	4.2	0.5	4.6	4.0	1.2
5112	Software publishers .....	6.1	6.6	7.0	6.3	5.6	7.0	0.9	0.8	1.3	1.3	6.6	6.2	1.1
512	Motion picture and sound recording industries .....	3.0	3.9	5.6	4.2	3.7	3.4	1.6	2.3	2.2	0.8	4.0	3.2	1.2
515	Broadcasting (except Internet) .....	1.6	1.9	1.9	2.2	1.6	1.8	0.7	0.2	0.3	0.7	1.8	1.7	0.5
5151	Radio and television broadcasting .....	2.9	3.3	3.2	3.7	2.7	3.1	1.7	0.2	0.8	1.4	3.0	2.8	1.0
5152	Cable and other subscription programming .....	1.2	1.2	1.3	1.2	1.3	1.2	0.1	0.2	0.4	0.4	1.2	1.2	0.3
517	Telecommunications .....	1.7	1.9	2.0	1.9	2.0	2.1	0.3	0.2	0.4	0.2	1.9	2.1	0.2
5171	Wired telecommunications carriers .....	3.4	3.6	3.8	3.5	3.7	3.8	0.3	0.1	0.4	0.3	3.6	3.8	0.3
5172	Wireless telecommunications carriers (except satellite) .....	2.6	2.8	2.8	2.7	2.9	2.8	0.3	0.4	0.8	0.5	2.7	2.8	0.5
517 pt	Other telecommunications .....	3.1	3.6	3.0	2.9	3.3	3.3	0.8	1.0	1.5	0.8	3.2	3.2	0.8
518	Data processing, hosting, and related services .....	7.9	7.8	7.5	7.0	7.1	7.2	0.6	0.7	1.1	1.3	7.7	7.1	1.1
519	Other information services.....	3.0	3.9	4.8	3.9	4.1	3.8	1.1	1.5	2.0	1.8	3.8	4.3	1.4
<b>52</b>	<b>Finance and insurance .....</b>	<b>4.9</b>	<b>5.2</b>	<b>4.8</b>	<b>4.8</b>	<b>4.6</b>	<b>4.2</b>	<b>0.4</b>	<b>0.9</b>	<b>0.6</b>	<b>1.2</b>	<b>5.0</b>	<b>4.4</b>	<b>0.7</b>
52 pt	Finance and insurance (except monetary authorities-central bank) .....	5.1	5.3	4.9	4.9	4.7	4.3	0.4	0.9	0.6	1.2	5.1	4.5	0.7
521	Monetary authorities-central bank.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities.....	4.6	4.9	4.7	4.8	4.4	4.6	0.6	0.3	0.6	0.4	4.7	4.5	0.4
5221	Depository credit intermediation.....	8.3	8.8	8.8	9.3	8.4	8.7	1.1	0.4	1.0	0.9	8.6	8.5	0.8
5222	Nondepository credit intermediation.....	4.6	4.6	3.7	3.5	3.4	3.6	0.4	0.9	1.3	1.1	4.3	3.5	0.9
5223	Activities related to credit intermediation.....	2.4	2.3	2.2	2.2	2.4	2.3	0.6	0.7	1.1	0.7	2.3	2.3	0.8
523	Securities, commodity contracts, and other financial investments and related activities .....	4.6	3.9	3.6	4.1	3.4	4.0	1.2	1.0	1.7	2.0	4.0	3.6	1.1
5231	Securities and commodity contracts intermediation and brokerage .....	7.5	6.6	6.0	7.2	6.5	6.2	1.1	1.3	2.4	1.4	6.7	6.1	1.0
5232	Securities and commodity exchanges .....	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
5239	Other financial investment activities .....	4.7	3.5	3.2	4.9	3.7	5.1	1.8	1.6	1.9	3.3	3.7	4.2	1.9
524	Insurance carriers and related activities .....	7.1	7.7	7.0	6.7	6.7	6.1	0.7	1.5	0.9	1.7	7.2	6.3	1.1
5241	Insurance carriers .....	8.4	8.9	8.0	7.9	7.9	7.1	0.7	1.8	1.1	2.0	8.4	7.3	1.3
5242	Agencies, brokerages, and other insurance related activities .....	5.5	5.3	6.0	5.6	5.8	5.0	1.2	1.9	0.9	1.0	5.5	5.4	0.5
<b>53</b>	<b>Real estate and rental and leasing .....</b>	<b>5.1</b>	<b>4.8</b>	<b>4.5</b>	<b>4.4</b>	<b>5.2</b>	<b>4.8</b>	<b>0.4</b>	<b>0.9</b>	<b>0.6</b>	<b>1.0</b>	<b>4.8</b>	<b>4.7</b>	<b>0.6</b>
531	Real estate .....	6.9	6.7	6.2	6.2	7.1	6.8	0.4	1.1	0.7	1.2	6.6	6.8	0.9
5311	Lessors of real estate.....	9.2	9.1	8.4	8.8	9.6	9.2	0.3	1.0	0.9	1.9	8.9	8.9	0.9
5312	Offices of real estate agents and brokers.....	8.8	8.6	8.5	7.8	7.3	8.6	1.8	2.7	2.1	1.8	8.5	8.0	1.4
5313	Activities related to real estate.....	6.4	6.8	6.5	5.8	8.3	7.5	1.8	1.0	2.8	1.1	6.5	7.9	1.9
532	Rental and leasing services .....	3.9	4.2	4.0	4.3	4.0	3.9	0.6	1.4	1.5	1.2	4.0	3.7	1.2
5321	Automotive equipment rental and leasing .....	3.3	3.7	2.9	2.7	2.5	2.6	0.5	1.2	1.2	1.3	3.3	2.6	0.9
53211	Passenger car rental and leasing.....	3.0	3.3	2.3	2.2	1.9	2.3	0.3	1.3	1.2	1.4	2.9	2.2	0.9
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing .....	5.3	5.5	5.1	5.2	5.0	4.1	0.9	1.5	2.6	2.6	5.3	4.4	2.4
5322	Consumer goods rental .....	10.9	10.2	8.9	11.3	13.4	10.3	1.0	1.4	2.5	1.7	10.0	10.6	1.3
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing .....	5.7	6.3	5.5	6.3	5.7	5.9	1.4	2.9	3.7	2.6	5.7	5.6	2.8

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2016 (p)	2Q 2016 (r)	1Q 2016	4Q 2015	3Q 2015	2Q 2015	3Q 2016 from 2Q 2016 (p)	2Q 2016 from 1Q 2016 (r)	3Q 2016 from 3Q 2015 (p)	2Q 2016 from 2Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	7.0	7.5	7.4	6.9	7.8	8.2	1.6	0.7	1.8	0.9	7.2	8.1	1.3
54	Professional, scientific, and technical services .....	2.1	2.3	2.1	2.1	2.1	2.1	0.5	0.7	1.4	1.7	2.1	2.1	1.2
5411	Legal services .....	2.7	2.2	2.5	3.4	3.7	3.2	1.5	1.3	2.8	3.0	2.4	3.0	2.1
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	4.7	3.9	3.6	4.4	4.1	3.0	1.2	1.3	1.3	1.7	4.0	3.0	1.5
5413	Architectural, engineering, and related services .....	5.0	4.6	4.1	4.5	4.5	5.4	1.1	2.4	2.8	2.8	4.4	4.7	2.3
5413 pt	Architectural and related services .....	7.9	8.1	8.7	9.2	8.2	8.1	3.6	2.7	6.0	4.0	8.1	8.3	3.6
54133	Engineering services .....	5.9	5.1	4.9	5.1	5.6	6.0	1.4	2.8	2.9	2.6	5.1	5.4	2.1
5414	Specialized design services.....	3.8	3.1	5.6	6.1	6.4	5.1	2.4	4.2	5.8	4.1	3.8	5.1	3.6
5415	Computer systems design and related services .....	6.9	7.2	7.4	7.4	7.3	7.3	0.5	1.5	2.5	2.4	7.1	7.3	2.1
5416	Management, scientific, and technical consulting services .....	5.8	5.1	5.2	5.4	5.0	5.7	1.1	1.1	1.7	2.0	5.3	5.4	1.3
5417	Scientific research and development services .....	6.5	5.9	7.1	6.4	5.3	5.7	1.0	1.9	3.2	3.1	6.4	5.4	3.2
5418	Advertising, public relations, and related services .....	3.2	3.1	3.0	4.0	4.3	4.0	0.3	1.2	1.7	1.7	3.0	4.2	1.6
5419	Other professional, scientific, and technical services.....	10.0	10.2	10.1	11.0	11.6	9.9	1.4	2.2	7.3	7.2	10.0	10.6	6.6
56	Administrative and support and waste management and remediation services .....	1.5	1.6	1.9	1.8	1.4	1.9	0.6	0.4	1.3	1.4	1.6	1.7	1.6
561	Administrative and support services .....	1.9	1.8	2.1	2.0	2.1	2.5	0.7	0.4	1.7	1.7	1.8	2.4	1.9
5613	Employment services .....	5.4	4.5	4.3	4.6	3.5	3.8	1.2	0.8	3.2	2.5	4.7	3.1	2.8
5615	Travel arrangement and reservation services .....	6.9	6.2	8.2	6.5	6.5	7.4	1.5	3.0	5.6	3.3	7.0	7.0	4.1
561 pt	Other administrative and support services .....	3.8	3.6	3.8	3.7	3.8	4.5	0.7	0.6	1.0	1.9	3.7	4.2	1.6
562	Waste management and remediation services .....	7.7	7.7	8.2	9.2	8.8	8.5	1.0	1.0	1.9	1.2	7.8	8.8	1.4
61	Educational services .....	4.5	4.4	5.0	3.8	4.9	3.8	1.2	2.3	0.9	1.9	4.5	4.3	1.3
6114	Business schools and computer and management training .....	11.2	11.3	11.7	11.6	10.4	9.5	3.0	2.9	2.6	4.2	11.3	9.7	2.8
6115	Technical and trade schools .....	14.1	12.5	12.6	11.7	13.7	13.1	2.0	1.6	3.0	4.5	13.0	13.1	2.9
6116	Other schools and instruction.....	8.3	6.5	7.1	7.5	9.0	6.4	1.9	2.2	3.5	3.6	7.2	7.4	3.1
6117	Educational support services .....	7.8	3.6	3.8	3.4	7.6	3.5	4.8	4.7	2.5	2.2	4.2	3.7	2.2
62	Health care and social assistance .....	2.0	2.2	2.0	1.6	1.5	1.4	0.5	0.7	0.7	1.1	2.0	1.6	0.8
621	Ambulatory health care services .....	2.3	2.0	2.0	1.7	1.9	1.7	0.3	0.3	0.9	1.1	2.1	1.8	0.9
6211	Offices of physicians.....	5.9	5.4	5.4	4.8	4.9	4.9	0.8	0.8	2.1	2.2	5.6	4.9	2.0
6212	Offices of dentists.....	S	S	S	S	S	S	S	S	S	S	S	S	S
6213	Offices of other health practitioners .....	5.3	S	4.4	4.3	4.5	4.9	S	S	2.3	S	S	4.6	S
6214	Outpatient care centers .....	3.2	3.2	3.5	2.9	3.3	3.2	0.8	0.7	1.8	0.9	3.3	3.1	1.4
6215	Medical and diagnostic laboratories .....	4.0	4.0	3.7	4.1	3.8	4.5	0.5	0.5	1.4	1.6	3.9	4.2	1.4
6216	Home health care services .....	4.3	3.8	4.4	4.3	4.6	4.8	0.9	1.0	1.6	1.9	4.1	4.6	1.9
6219	Other ambulatory health care services .....	6.0	5.9	5.9	5.7	5.8	5.7	0.8	0.4	1.2	1.6	5.9	5.7	1.3
622	Hospitals .....	3.4	4.0	3.7	3.3	2.9	3.1	1.1	1.4	1.0	1.8	3.6	3.1	1.1
6221	General medical and surgical hospitals.....	3.7	4.4	4.0	3.5	3.2	3.4	1.1	1.5	1.1	2.0	3.9	3.4	1.2
6222	Psychiatric and substance abuse hospitals.....	9.3	9.3	9.0	8.9	9.5	8.7	1.1	1.6	1.2	0.9	9.2	8.9	0.9
6223	Specialty (except psychiatric and substance abuse) hospitals.....	7.4	7.5	7.6	7.4	7.2	7.2	0.5	0.4	1.2	1.2	7.5	7.2	1.3
623	Nursing and residential care facilities .....	4.8	4.3	4.6	4.8	5.1	4.8	0.7	0.6	0.9	1.1	4.6	4.8	0.9
624	Social assistance .....	1.8	2.1	2.6	2.4	2.5	2.0	1.1	1.3	1.1	0.8	2.1	2.5	1.0
6241	Individual and family services.....	1.8	1.9	2.5	2.5	2.4	1.9	1.5	1.9	1.4	1.0	1.9	1.9	0.9
6242	Community food and housing, and emergency and other relief services .....	4.2	4.2	4.9	4.0	4.5	4.4	3.3	2.7	3.8	1.3	4.1	4.3	1.0
6243	Vocational rehabilitation services .....	8.0	9.1	10.1	9.8	8.7	8.6	1.6	2.8	2.3	2.3	9.0	9.2	2.0
6244	Child day care services .....	6.7	6.4	6.4	6.2	7.7	6.5	3.0	1.8	2.7	3.1	6.3	7.2	2.4
71	Arts, entertainment, and recreation.....	3.1	3.0	2.8	3.1	2.3	2.6	1.6	1.8	1.5	1.0	2.8	2.3	1.2
711	Performing arts, spectator sports, and related industries .....	4.5	5.6	4.6	6.2	2.9	4.9	3.8	2.9	2.3	2.6	4.6	3.4	1.8
7111	Performing arts companies.....	10.6	7.8	6.1	8.3	9.5	8.6	5.7	2.8	7.2	4.3	8.0	8.3	3.7
7112	Spectator sports.....	9.2	12.1	11.4	8.6	6.4	10.9	10.0	11.8	4.4	2.4	9.5	7.9	2.6
7113	Promoters of performing arts, sports, and similar events.....	2.1	4.1	7.0	3.8	2.2	5.3	4.3	8.2	2.6	2.8	3.2	4.4	2.5
7114	Agents and managers for artists, athletes, entertainers, and other public figures .....	12.2	12.5	11.9	13.5	12.2	12.2	4.0	4.1	6.4	6.1	12.0	12.0	5.0
7115	Independent artists, writers, and performers.....	16.1	19.4	12.6	16.6	10.9	11.5	6.5	7.6	6.7	12.0	15.5	9.8	9.1
712	Museums, historical sites, and similar institutions.....	4.8	3.7	5.0	3.1	5.7	4.1	2.4	2.9	3.8	1.6	4.3	4.4	1.9
713	Amusement, gambling, and recreation industries.....	5.2	4.3	5.0	4.5	4.1	4.3	1.4	2.4	1.6	1.5	4.7	4.3	1.5
7131	Amusement parks and arcades.....	5.2	4.0	4.8	3.8	4.8	4.0	2.9	4.0	2.0	3.2	4.3	4.1	2.7
7132	Gambling industries.....	12.0	11.5	11.6	11.3	11.3	11.4	1.0	0.7	2.2	1.8	11.7	11.3	1.7
7139	Other amusement and recreation industries.....	7.4	6.0	6.4	6.3	6.4	6.3	2.5	3.2	3.2	3.2	6.5	6.5	3.2
721	Accommodation .....	3.5	3.5	2.7	3.2	3.3	3.0	1.0	1.6	0.8	1.0	3.2	3.0	0.5
7211	Traveler accommodation .....	3.5	3.5	2.7	3.2	3.2	3.0	1.0	1.6	0.9	1.0	3.2	2.9	0.6
7212	RV (recreational vehicle) parks and recreational camps .....	6.3	5.5	1.9	4.1	6.3	5.4	5.1	10.0	2.4	3.3	4.4	4.4	1.8
7213	Rooming and boarding houses .....	17.1	21.0	16.8	23.1	25.0	20.8	5.9	5.0	6.0	4.2	17.9	21.2	3.7

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2016 (p)	2Q 2016 (r)	1Q 2016	4Q 2015	3Q 2015	2Q 2015	3Q 2016 from 2Q 2016 (p)	2Q 2016 from 1Q 2016 (r)	3Q 2016 from 3Q 2015 (p)	2Q 2016 from 2Q 2015 (r)	2016 (p)	2015	2016 from 2015 (p)
81	Other services (except public administration) .....	2.0	2.4	2.7	2.5	2.4	1.8	1.1	2.6	2.3	1.6	2.2	1.9	1.4
811	Repair and maintenance .....	4.1	4.0	3.9	4.1	3.6	4.0	1.1	1.1	1.8	1.2	3.9	4.1	1.3
8111	Automotive repair and maintenance .....	6.5	6.3	5.1	6.3	4.8	4.9	1.6	2.2	2.9	2.3	5.9	5.0	2.2
8112	Electronic and precision equipment repair and maintenance .....	16.9	17.0	14.3	14.4	15.1	14.6	1.3	2.8	1.9	3.4	16.1	13.9	2.7
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	9.8	8.6	10.0	10.2	8.5	8.8	3.0	3.0	4.2	2.8	9.3	8.4	2.6
8114	Personal and household goods repair and maintenance .....	15.5	16.1	13.7	12.6	13.9	14.7	2.8	5.3	5.5	6.4	15.1	13.7	5.3
812	Personal and laundry services.....	4.3	4.5	4.6	3.6	4.1	3.9	0.8	1.4	2.0	2.3	4.4	3.9	1.8
8121	Personal care services.....	9.6	9.7	9.1	8.1	8.1	7.2	1.9	2.2	4.2	4.7	9.4	7.6	3.6
8122	Death care services.....	8.1	8.4	9.7	9.7	8.9	8.6	2.8	2.2	3.4	2.1	8.6	8.1	1.7
8123	Drycleaning and laundry services.....	9.5	9.4	9.4	8.8	8.6	8.5	1.1	0.6	5.2	5.2	9.4	8.4	5.1
8129	Other personal services.....	7.4	7.5	6.8	7.7	7.6	6.6	1.9	1.7	4.5	4.1	7.2	6.9	3.6
813	Religious, grantmaking, civic, professional, and similar organizations .....	3.3	4.7	3.0	3.0	3.7	3.1	2.6	5.5	5.2	2.5	3.0	2.3	2.3

(p) Preliminary estimate. (r) Revised estimate. Z Absolute value is less than .05.  
S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability or poor response quality.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

### Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey (QSS) to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey (SAS) sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2007 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	25
22	Utilities	6
48-49	Transportation and warehousing	24
51	Information	16
52	Finance and insurance	14
53	Real estate and rental and leasing	34
54	Professional, scientific, and technical services	38
56	Administrative and support and waste management and remediation services	39
61	Educational services	44
62	Health care and social assistance	34
71	Arts, entertainment, and recreation	30
721	Accommodation	34
81	Other services (except public administration)	39

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at [www.census.gov/services/](http://www.census.gov/services/).

### Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see [www.census.gov/services/qss/qssseasfactors.xls](http://www.census.gov/services/qss/qssseasfactors.xls). A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at [www.census.gov/services/qss/seasonally\\_adjusted\\_faqs](http://www.census.gov/services/qss/seasonally_adjusted_faqs).

### Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation (CV). The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Table 2 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the "margin of error." The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is  $\pm 1.5$  percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.